IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#18/B
BP
2-27-03

Applicant: Ramnarayan *et al.*
Serial No.: 09/704,362
Confirmation No.: 4748
Filed: November 1, 2000

For: *USE OF COMPUTATIONALLY DERIVED PROTEIN STRUCTURES OF GENETIC POLYMORPHISMS IN PHARMACOGENOMICS FOR DRUG DESIGN AND CLINICAL APPLICATIONS*
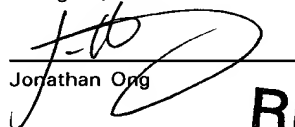
Art Unit: 1631
Examiner: Brusca, J.

AMENDMENT

RECEIVED

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TECH CENTER 1600/2900

Commissioner for Patents
Arlington, VA 22202

Dear Sir:

Responsive to the Office Action mailed August 13, 2002, consideration of the following remarks and entry of the following amendment are respectfully requested.

IN THE CLAIMS:

Please add claims 41-47 as follows:

41. (New) The method of claim 23, that further includes the steps of

providing the database with a molecular graphics interface that interfaces with the database for 3-D molecular structure visualization;

providing the database with functionality that interfaces with the database for protein sequence and structural analysis; and

providing the database with searching tools that interface with the database.

42. (New) The method of claim 23, wherein the step of generating 3-D protein structural variant models from the sequences is performed by a method selected from the group consisting of experimental methods, searching protein